

Technical Commercial data Sheet

Polimat Antiradice

Waterproofing bitumen polymer membrane



Dimensional features

Length	10 m - 1% (UNI EN 1848-1)	Toll. ≥
Width	1 m - 1% (UNI EN 1848-1)	Toll. ≥
Thickness	4 mm (UNI EN 1849-1)	Toll. 0,4 mm

Description

POLIMAT ANTIRADICE membranes are realized with an elastoplastomeric (BPP) compound that reaches -10°C cold flexibility and has a specific admixture of polyglycolic chlorotolioxypropionate. This substance gives the membrane an anti-root property. Moreover, the reinforcement in non woven polyester gives the product ideal punching resistance characteristics.

Application

- Use Personal Protective Equipment as requested by law;
- Clean properly the surface on which membranes has to be applied;
- The treatment of the application surface with Bituver ECOPRIVER water based bituminous primer is suggested;
- POLIMAT ANTIRADICE is meant to be applied by flame with a gas propane blow torch by heating the lower face, covered with a special termofusibile film;
- Apply between $+5^{\circ}\text{C}$ and $+35^{\circ}\text{C}$.

Recommended Use

The POLIMAT ANTIRADICE membranes are particularly recommended for the waterproofing of green roofs. They can be employed as base layers, in basement structures, earth-retention walls and foundations.

Storage

It is advisable to keep the rolls in warehouse, not exposed to the sun rays and at a higher temperature than $+5^{\circ}\text{C}$. Keep the rolls in the upright position. If possible, avoid stacking pallets, especially with slated membranes. It is advisable to use the product within 2/3 months from delivery.

TYPE	REINFORCEMENT	UPPER FACING	THICKNESS WEIGHT/m ²	m ² PER PALLET
POLIMAT ANTIRADICE 4 MM P	Polyester	Sand	4 mm	230

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Test	Standard Reference	POLIMAT ANTIRADICE	Tolerance
Visible Faults	UNI EN 1850-1	absent	-
Straightness	UNI EN 1848-1	10 mm	≤
Water tightness	UNI EN 1928	60 kPa	≥
Cold flexibility	UNI EN 1109	- 10 °C	≤
L dimensional stability	UNI EN 1107-1	- 0,3 %	≥
Flow resistance	EN 1110	120 °C	≥
Flow resistance after ageing	UNI EN 1296 UNI EN 1110	110 °C	- 10 °C
Tensile strength at breaking L/T	UNI EN 12311-1	600/450 N/50 mm	- 20 %
Overlaps tear resistance L/T	UNI EN 12317-1	500/350 N/50 mm	- 20 %
Elongation at breaking L/T	UNI EN 12311-1	35/35 %	- 15 a. v.
Tear resistance (B method) L/T	UNI EN 12310-1	150/150 N	- 30 %
Static load resistance	UNI EN 12730	15 Kg	≥
Dynamic punching resistance	UNI EN 12691	900 mm	≥
Vapour permeability	UNI EN 1931	μ 20000	-
UV ageing	UNI EN 1297	Passes the test	-
Fire reaction	EN 13501-1	NPD	-
External fire performance	EN 13501-5	F roof	-
Water tightness after exposure to chemical agents artificial ageing	UNI EN 1928 UNI EN 1847/ UNI EN 1296	NPD	-
Resistance to water penetration	UNI EN 1928	-	-
Res. to water penetration Tensile properties after artificial ageing	App. C EN 13859-1	-	-
Uses	EN 13707 System 2+	Base layer Middle layer Under heavy protection	-
	EN 13969 System 2+	Foundation Earth retention	-

The Saint-Gobain PPC Italia S.p.A. quality system is certified according to EN ISO 9001

Follow proper application and storage modalities.

The CE marking of this bituminous membrane is in accordance with the European Construction Products Regulation 305/2011, is in agreement to the reference technical standards and is supported by certification no. 1370-CPR-0050.

Saint Gobain PPC Italia has the right to change the technical data of this data sheet any time with no need of notice.



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